

## HIGH PRESSURE PLUNGER PUMP

### ABSTRACT OF THE INVENTION

High pressure plunger pump, comprising at least two in-line cylinders,  
5 each of which is connected via respective conduits and relative valves to  
an intake manifold and to a delivery manifold, said cylinders being  
provided within a single block together with said conduits and said  
manifolds, the intake manifold being positioned in front of the line of  
cylinders and being in direct communication with the cylinders via a  
10 conduit connected to a dead compartment provided as an extension of the  
respective cylinder and in which the intake valve is located, retained in  
position by deformable means.